

L. Track of His Majesty's armed Brig Lion from England to Davis's Streights and Labrador, with determining the Longitude by Sun and Moon and Error of Common Reckoning; also the Variation and Dip of the Needle, as observed during the said Voyage in 1776. By Lieutenant Richard Commander of the said Vessel; communicated by Nevil Maskelyne, D. D. F. R. S. and Astronomer

N. B. The day is set down according to the log-book.

Days of the Month.	Time.	Latitude	Long. by last observ.	Long. by ship's reck.	Therm. in the shade.	Error of common reck.	As read off quadrants		Distance observed.	Azimuths.	Variations.	No. of ob.	Errors of quadrant.	Winds.	R		
							○'s alt.	D's alt.									
June 10	20 0 8	N 49 20	W 6 26	W 6 36	61	○ 10	L. L.	L. L.	61 16 30	NW	W	3	D al ^d . + 1	S	cilly isles		
	Noon.	49 23A	7 5	7 15	61	○ 10	-	-	-	-	-	-	-	-	S	lizard East	
11	Noon.	49 20 A	8 36	9 3	63	○ 27	-	-	-	-	-	-	-	-	NW	equally wit	
12	7 P.M.	49 12	9 25	9 52	-	-	6 48 20	-	-	-	37 46	24 21	3	-	NW	{ An unsfe compa	
	D° nearly.	49 12	9 26	9 53	-	-	4 25 0	-	-	-	34 37	24 39	6	-	-		
	Noon.	48 3 A	10 9	10 58	62	○ 49	-	-	-	-	-	-	-	-	NW	Under cour	
13	Noon.	46 55 A	11 0	12 14	61	1 14	-	-	-	-	-	-	-	-	WSW	Much rain,	
14	Noon.	47 8 * 11 22	12 37	61	1 15	-	-	-	-	-	-	-	-	-	WSW	Strong gale	
15	Noon.	47 59 * 12 12	13 43	60	1 31	-	-	-	-	-	-	-	-	-	SW	More mode	
16	Noon.	48 22 * 13 36	15 33	62	1 57	-	-	-	-	-	-	-	-	-	WNW	Moderat a	
17	Noon.	49 13 * 14 21	16 29	61	2 8	-	-	-	-	-	-	-	-	-	SW	Little wind	
	7 P.M.	49 33	14 20	16 28	-	-	15 50 0	-	-	-	48 30	-	3	-	-	These I hav	
18	7 P.M.	49 33	14 20	16 28	-	-	15 35 0	-	-	-	55 40	-	3	-	-	A fine ple	
	Noon.	50 11 * 15 59	18 33	60	2 34	-	-	-	-	-	-	-	-	-	-	SE	Fine weath
19	Noon.	50 45 * 16 50	19 37	62	2 47	-	-	-	-	-	-	-	-	-	-	SW	Hazy at tir
20	Noon.	52 2 A 19 5	22 31	59	3 26	-	-	-	-	-	-	-	-	-	-	{ Consider Sun the clear.	
21	7 31 0	52 30	18 42	22 27	-	3 45	5 31 50	32 6 50 54	1 50	-	-	-	6	D - 2 50	-		
		52 30	19 10	22 27	-	3 17	4 13 0	30 10 10 54	1 30	-	-	-	6	D - 1 0	-		
	Noon.	53 21 * 19 16	22 50	57	3 34	-	-	-	-	-	-	-	-	-	NW	Coming or	
							L. L.										
22	3 38 24	53 27	19 45	22 55	-	3 10	39 20 40	46 37 40	63 50 55	-	-	-	6	-	-	{ The log last agre	
2	53 40	53 27	19 37	22 55	-	3 18	45 35 6	43 53 26	63 35 26	-	-	-	9	-	-		
	Noon.	53 45 A 18 16	22 8	58	3 42	-	-	-	-	-	-	-	-	-	WNW	Strong gale	
23	Noon.	54 53 A 16 53	21 8	59	4 5	-	-	-	-	-	-	-	-	-	WNW	{ Strong g fast to t	
24	Noon.	55 36 * 14 30	19 47	61	5 17	-	-	-	-	-	-	-	-	-	NW		
							U. L.									Dip	
25	4 6 20	55 25	13 54	19 50	-	5 56	34 55 10	26 47 096 50 0	-	-	-	-	6	D + 8 30	-	{ Face E.	
4 14 8	55 25	14 6	19 50	-	5 44	33 50 30	27 27 096 53 25	-	-	-	-	-	6	D + 8 30	-	{ Face W.	
4 35 32	55 25	13 58	19 50	-	5 52	30 52 10	29 8 30 97 0 55	-	-	-	-	-	6	D + 8 30	-	{ Face E.	
	Noon.	56 18 * 14 25	20 8	59	5 43	-	-	-	-	-	-	-	-	-	WNW	Fine Day.	
26	Noon.	57 18 * 14 40	20 10	58	5 30	-	-	-	-	-	-	-	-	-	NNW	Moderat	
							U. L.										
27	5 33 56	57 15	15 32	20 26	-	4 54	22 47 20	17 44 20	119 56 5	-	-	-	6	D + 1 30	E	A very go	
	Noon.	57 4 * 16 31	21 7	58	4 36	-	-	-	-	-	-	-	-	-	NW	{ Foggy w of N smoot	
28	Noon.	56 38 * 17 44	22 20	61	4 36	-	-	-	-	-	-	-	-	-	N		
29	3 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Noon.	57 0	18 2	22 38	58	4 36	-	-	-	-	-	-	-	-	SW	Swell from	
30	Noon.	57 52 A 21 32	26 8	58	4 36	-	-	-	-	-	-	-	-	-	SE	Carried aw	

*with Observations for
Variation of the Compass
Richard Pickering, late
Master Royal.*

Remarks, &c.
Small isles about North of us.
Lizard East of us.
Cloudy with rain; a great swell.
An unsteady sea, though the compass stood pretty well.
Under courses.
Much rain, &c.
Strong gales with rain.
More moderate.
Moderate and clear; a great swell.
Little winds and clear weather.
These I have not worked.
A fine pleasant day.
Fine weather.
Hazy at times.
Considering the height of the Sun these not bad ones; air clear.
Coming on to blow hard.
The log between these and the last agrees pretty well.
Strong gales.
Strong gales, vessel drifts very fast to the Eastward.
Dip.
Face E. mark up, 76 30
Face W. ditto, 75 0
Face W. markdown, 74 0
Face E. ditto, 74 30
75
Fine Day.
Moderate weather.
A very good set.
Foggy weather; like the banks of Newfoundland, water smooth.
Calm; tried soundings, and got ground at 320 fathoms; drifted to the N.E. about two miles, and founded again in 290 fathoms; fine white sand; at the same time saw a flag, gulls; and other signs of land not far from hence. By running about 19 miles NE by N. lost soundings, so bore away, calling it the Lion's Bank.
Swell from the Southward.
Carried away the fore-yard.

L ~~so~~ bore away, calling it the Lion's Bank.
Swell from the Southward.
Carried away the fore-yard.
S.W. swell, lost all our birds.

Very good observations and the
vessel steady, when made.
Cape Farewell's lat. $59^{\circ} 38' N.$
long. by obs. $42^{\circ} 42' W.$

The Eastermost part of it.
Saw Cape Farewell bearing
N by W. by compass, distance
about 7 or 8 leagues.

A continuation

A Continuation of the Track of His Majesty's armed Brig Lion, from Cape Farewell along Greenland, for the Determination of the Position of the Coast, as likewise the Dip, Variations, &c.

along the West Coast of
, Variation, &c.

ds.	Remarks, &c.
	Very good observation; water smooth; amengt a field of ice. Land from NE to SE, distance off 8 or 10 leagues, making in deep bays.
	Clear weather; fast in the ice.
-	Water smooth; land at NE to SW 5 leagues. Dip, Face E mark end down, 76 50 Face W ditto, 77 0 Poles changed, Face W ditto up, 76 15 Face E ditto, 76 30
W	Hazy, no land in sight.
ab.	Much ice.
-	Cape Desolation E 4 leagues, soundings at 146 fathoms.
-	Very good.
-	These observations were made close to one of the ice glances, which I did not find had any effect on the compass as some have imagined. Had very irregular soundings from 80 to 105 fathoms about 4 leagues of the land, which is high and ragged, being mostly covered with snow and ice.
	Land from SSE to NE.
-	Dip of the needle, mean 80 50 The large ice glance NE about 5 or 6 leagues off.
-	Tried the dipping needle, the mean of the four sights gave 81 10.
-	About 5 leagues off shore, the land high, and the found filled with frozen snow, even to the tops of the hills.
	Dip of the needle 81 30.

	Noon.	62 11 048 0	52 3 39	4 2	23 42 0	- - -	46 10	- - -	- - -	Calm.	Dip of
					25 2 0 25 0 0 24 58 0	- - -	42 0 43 0 46 54	- - -	None.	- -	{ Many coal leagu in.
14	7 0 0	62 12 048 15	- - -	- - -	25 0 0	- - -	42 40	- - -	None.	- -	Clear w
					17 56 0 17 46 0 17 40 0	- - -	28 40 27 40 48 17 28 30	- - -			
					17 47 0	- - -	28 3	- - -			
	Noon.	62 50 049 0	53 3 40	4 2	- - -	- - -	- - -	- - -	- - -	N	{ Land leagu
15	Noon.	63 14 049 53	53 56 41	4 2	- - -	- - -	- - -	- - -	- - -	SW	{ Thick SSE
16	Noon.	64 38 051 26	55 32 42	4 6	- - -	- - -	- - -	- - -	- - -	SW	{ Thick of roc day's miles
17	Noon.	64 57 052 56 $\frac{1}{2}$	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	{ At an Mufl
					Double being reflected hor.		Nearest L.				
21	3 25 15	64 55 13 52 53 $\frac{1}{2}$	- - 61	- -	68 48 0 68 18 0 68 0 0 67 40 0 67 18 0 67 10 0 67 52 20	- - -	68 1 0 68 3 0 68 4 0 68 5 0 68 6 15 68 6 0 68 4 12	- - -	- - -		{ These on st zon, by r tude: clear the for t

- Dip of the needle 81 30.
- { Many isles off this part of the coast, and soundings about 12 leagues off, though none close in.
- Clear weather.
- { Land from N 30 E to S 2 E 3 leagues off.
- { Thick weather; land NE to SSE 4 leagues off.
- { Thick weather; fell in with a ridge of rocks, 28 miles E. from hence. This day's Southerly wind found the ship 17 miles to the N. of account.
- { At anchor in an harbour, called MuskettoCove, until the 27th.
- { These observations were made on shore with a reflected horizon; and the latitudes settled by many good meridian altitudes; the weather fine and clear, so that I can answer for the observations, though not for the working.

A further

A further Continuation of the Track of His Majesty's armed Brig Lion, from Mosketto Cove
to the End of Davis's Straits, &c.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Therm. in the shade.	Error of common reckoning	Log time as read off quadrants		Distance observed.	Azimuths.	Variations.	No. of obs.	Error of quad.	Winds.
							○'s alt.	○'s alt.						
July 21	3 43 4	64 55 13	53 0	- -	61 in the day, & 54 in the night	1 1	L. L.	U. L.	68 11 0	NW				
		N					reflected hor.	- -	68 12 0					
							65 35 0	- -	68 12 0					
							65 15 0	- -	68 12 0					
							65 1 0	- -	68 12 30					
							64 30 0	- -	68 13 0					
							64 20 0	- -	68 13 30					
							64 8 0							
									68 12 20					
									64 48 25					
21	4 0 0	64 55 13	52 56 1	- -	61	- -	62 49 0	- -	- -	60 0	50 48	-	None.	-
21	4 0 0	64 55 13	52 56 1	- -	61	- -	66 2 30	- -	- -	66 2 1/2	50 24	-	None.	-
27	Noon.	64 49 0	54 25 1	58 31	43	4 6	- -	- -	- -	- -	- -	-	N	
28	Noon.	64 40 0	55 29	59 35	39	4 6	- -	- -	- -	- -	- -	-	NNW	No soundings
29	Noon.	65 14 0	58 10	62 16	37	4 6	- -	- -	- -	- -	- -	-	ENE	Little or no ic
30	Noon.	65 38 0	59 30	63 36	44	4 6	- -	- -	- -	- -	- -	-		Closeto a
														and an ap
														Mark
														Poles
31	19 0	65 48 0	59 10	- -	- -	- -	15 50 0	- -	45 0					
							16 2 0	- -	43 40					
							16 29 0	- -	43 0					
							16 7 0		43 50					
31	Noon.	65 49 0	59 8	63 14	29 1/2	4 6	- -	- -	- -	- -	- -	-		5 sailing a
Aug. 1	Noon.	65 46 0	58 19	62 25	40	4 6	- -	- -	- -	- -	- -	-		rigging fr
2	Noon.	65 36 0	58 19	62 25	42	4 6	- -	- -	- -	- -	- -	-		Loft fight of
3	Noon.	66 53 0	58 8	62 14	40	4 6	- -	- -	- -	- -	- -	-		
4	Noon.	67 43 0	58 50	62 56	36	4 6	- -	- -	- -	- -	- -	-		
5	Noon.	68 10 0	56 46	60 52	38	4 6	- -	- -	- -	- -	- -	-		
6	Noon.	67 32 0	58 41	62 47	40	4 6	- -	- -	- -	- -	- -	-		
7	Noon.	67 20 0	56 17	60 23	42	4 6	- -	- -	- -	- -	- -	-		
8	Noon.	67 10 0	55 11	59 17	41	4 6	- -	- -	- -	- -	- -	-		
9	Noon.	66 40 0	55 1	59 7	43	4 6	- -	- -	- -	- -	- -	-		
10	Noon.	66 40 0	57 15	61 21	40	4 6	- -	- -	- -	- -	- -	-		
							15 20 0	- -	39 0					
							15 17 0	- -	37 0					
							15 12 0	- -	39 0					
							15 5 0	- -	38 30					
							15 1 0	- -	39 0					
							14 57 0		40 0					
							15 10 30		38 45					
11	7 0 0	66 38 0	56 48	- -	- -	- -	- -	- -	- -	- -	- -	-		When the
														Mount
														about 6
														fathoms.
11	Noon.	66 30 0	56 31	60 37	46	4 6	- -	- -	- -	- -	- -	-		Land from
														no sound
							12 4 0	- -	23 30					
							11 47 0	- -	24 30					
							11 37 0	- -	22 30					
							11 26 0	- -	22 20					
							11 19 0	- -	21 0	56 54	-	None.	-	
							11 14 0		21 30					
							11 34 30		22 32					
							4 37 0		5 0					

to Cove, Greenland,

Remarks, &c.

By these observations I deduce this Cove to lay in latitude 64° 55' 13" N.
and longitude 52° 56' 30" W.
Variation 50° 36' 0" W.
Dip of the needle 81° 22' 30"
Flow of the tide, spring, 14 f.
— — — neip, 9 f.
High water full and change at 10h. 15"
A. M.
Dip, Face E mark end down, 82° 30'
Face W ditto, 81° 15'
Poles changed, Face W ditto, 80° 30'
Face E. 80° 15'

No soundings; clear weather.

Little or no ice, and steady weather.
Close to a very extensive field of ice,
and an appearance of land at the back;
the dip of the needle as underneath:
Mark end up, face E. 86° 0'
— — — face W. 85° 40'
Poles changed, face W. 85° 50'
— — — face W. 85° 30'

Sailing along the field of ice to the N. E.
rigging froze

Loft sight of the ice.

Saw another large field of ice to the Eastward.
These four days sometimes thick fog,
and others clear weather, a heavy
swell from the South.

At 12 this night was in latitude 63° 14',
and nearly the same longitude as at noon.
Vast quantity of very large ice islands,
and a great sea, with thick weather.

Fresh gales, thick weather, and ice islands.

Saw high land bearing N. E. distance 20
leagues, a great swell, and little wind.
Light airs all this day; the land appearing
high, and in many places covered
with snow.

Little winds from the S. W. about four
leagues from the land soundings from
60 to 25 fathoms, sandy ground.

Standing in and out to get to the southward,
wind S. W. blows strong.

When these observations were taken
Mount Cunningham bore SSE, distance
about six leagues, depth of water 65
fathoms, sandy ground.

Land from SE to ENE. seven leagues off
no soundings.

When these observations were taken
there was little ice in sight, the weather fine, sea smooth, the land from E.
to SSW. which was high and about 12
leagues off, being that part named
Christian Sound, and where the Danes
for some years worked a silver mine.

there was little ice in sight, the weather fine, sea smooth, the land from E. to SSW. which was high and about 12 leagues off, being that part named Christiana Sonnd, and where the Danes for some years worked a silver mine, and as this coast has in many places strong appearances of iron ore, this may be one, and in all probability may occasion this high variation.

Land in sight.

{ The extremes of the land from NE. to SW. distance six leagues.

{ Within one mile of the mouth of a rocky river, with a rapid tide.

Land from E. to ENE. very high.

{ Hard gales with much rain, and a great sea, wind SWBS, weather thick.

✓ Thick close weather, with little wind.

Foggy weather.

{ The land like Islands. Caught many large herring.

Dip, mark end up, face E. 83 30

— — — face W. 84 40

Poles changed, face W. 85 0

— — — face E. 85 0

A Track

A Track of His Majesty's armed Brig Lion, from Davis's Straits to the Coast of Labrador

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Error of common reck.	I therm in the shade.	As read off quadrants		Distance observed.	Azimuths.	Variations.	No. of obs.	Errors of quadrant.	Winds.	Notes
							○'s alt.	○'s alt.							
Aug. 19	Noon.	64 43	053 25	58 31	41 4 6		L.L.	U.L.							The land in sight
	19	2 16	064 34	052 30	- - -		33 12	016 33	060 0 30						
							33 5	016 39	060 1 30						
							33 0	016 42	060 2 0						
							32 57	016 45	060 4 0						
							32 54	016 47	060 4 0						
							32 50	016 51	060 5 0						
							32 49 40	16 42 50	60 2 50						
							32 42	016 59	060 5 30						
							32 36	017 3	060 6 0						
							32 31	017 7	060 7 0						
							32 27	017 10	060 8 0						
							32 22	017 12	060 9 0						
							32 20	017 14	060 10 0						
							32 29 40	17 7 30	60 7 35						
20	Neon.	64 33	054 35	58 41	- 4 6										
21	Noon.	63 56	054 15	58 21	36 4 6										
							5 30	010 40	c 84 9 0						
							5 19	010 38	084 11 0						
							5 6	010 36	084 11 0						
							4 54	010 32	c 84 12 0						
							4 42	010 25	084 11 0						
							4 28	010 23	084 13 0						
							4 59 50	10 32 20	84 11 10						
22	Noon.	62 19	053 4	58 3	44 4 59										
23	Noon.	60 58	053 14	58 13	- 4 59										
24	Noon.	60 2	052 28	57 27	46 4 59										ESE Ditto, with a
25	Noon.	58 4	052 46	57 45	52 4 59										E Fresh gales,
26	Noon.	56 17	053 38	58 27	54 4 59										NE Fresh gales,
27	Noon.	54 54	054 10	59 9	56 4 59										NE Cloudy weath
28	Noon.	53 4	053 15	58 14	56 4 59										Saw the first i
29	Noon.	53 7	052 6	57 5	60 4 59										WNW Much ice.
30	Noon.	53 33	053 9	58 8	60 4 59										SW Much ice.
31	Noon.	53 25	053 58	58 57	- 4 59										Round Hill leagues, w America, 53 32 N Greenwich

We anchored in Porcupine Harbour, where we staid until the 26th of September, and from thence to England; which being a common rout, I shall conclude with a few general observations on the world, so little known and so terribly represented by people who, in order to raise their own merriment and difficulties of common occurrences; merely because the places are unknown, and the probability of their ever being contradicted. I do not mean this as a personal reflexion; but have with many of the masters of Greenland vessels, as well as their employers, and heard such stories in those countries, I cannot help remarking it as a circumstance equally foolish and ridiculous, to those who from a laudable principle would be benefactors to their country, but are deterred from

Labadore.

Remarks, &c.

{ The land near Balls River in sight, making in Islands.

{ These observations are very good ones, yet as they give too little, and disagree with the rest, I did not pay much regard to them, nor alter the track, as I cannot answer for the working of them.

{ A very heavy gale of wind, which obliged us to throw overboard the guns we had on deck.

{ This night, for the first time (the gale being over and fine weather), saw the aurora borealis, which began in the SE quarter, but was neither so strong nor so beautiful as in the southern hemisphere.

{ By the observations on the 10th, I find the error of the common reckoning to have increased 55 miles, and by that to have increased 50 miles; therefore shall alter the track to the observations, as I think them a sufficient confirmation of the truth.

{ High land ESE distance 22 leagues, which was the last we saw.

Moderate breezes, and no ice to be seen.

Ditto, with mists.

Fresh gales.

Fresh gales.

Cloudy weather.

Saw the first ice Islands on the Labadore.

Much ice.

Much ice.

{ Round Hill Island, bore NW. six or seven leagues, which being the eastern part of America, I make it to be in latitude 53° 32' N. longitude 54° 29' W. of Greenwich.

from thence proceeded ions on this part of the own merit, make dan- id there is little or no but having discoursed ach dreadful stories of us, tending to mislead red from it by such re-

those countries, I cannot help remarking it as a circumstance equally foolish and ridiculous, ten those who from a laudable principle would be benefactors to their country, but are deterred from presentations; and I appeal to those series of facts for the truth of my assertion. The weather is, in the spring and autumn, boisterous; the seas run irregular, like the Gulph of Lio places I could instance (that is short and high); occasioned (I imagine) by the narrowness of many impediments it meets with from the ice, and its being open to the southern parts of the As the south winds are always the strongest, bring thick weather, and the greatest sea, so the nort fine clear weather, and are seldom strong. I shall here finish these observations, with the partic &c. and shall communicate observations on the ice, the atmosphere, the land of Forbisher, and of a north west passage, in a short time.



us, tending to mislead
red from it by such re-
eather in Davis's Straits
of Lions, and other
ess of the Straits, the
of the Atlantic Ocean.
he northern ones bring
e particulars of them,
er, and the probability

L. Track of His Majesty's armed Brig Lion from England to Davis's Straights and Labrador, with Observations for determining the Longitude by Sun and Moon and Error of Common Reckoning; also the Variation of the Compass and Dip of the Needle, as observed during the said Voyage in 1776. By Lieutenant Richard Pickersgill, late Commander of the said Vessel; communicated by Nevil Maskelyne, D. D. F. R. S. and Astronomer Royal.

N. B. The day is set down according to the log-book.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	Error in the shade of common reck.	As read off quadrants	Distance observed.	Azimuths.	Variations.	Error of N.	Errors of quadrant.	Winds.	Remarks, &c.		
○'s alt.	○'s alt.														
June 10	20 0 8	N 49° 20'	W 6° 26'	W 6° 36'	61 0 10	L. L. 36° 32' 40"	L. L. 42° 55' 40"	NW 61° 16' 32"	W - - -	3 30° 11' + 1	D - 1	S	Cloudy skies about North of us.		
	Neon.	49° 23'	7 5	7 15	61 0 10	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	S	Cloud East of us.		
11	Neon.	49° 20'	8 36	9 3	63 0 27	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NW	Cloudy with rain; a great swell.		
12	7 P.M.	49° 12'	9 25	9 52	- - - - -	6 48 20'	- - - - -	- - - - -	37° 46' 24' 21'	3 24° 39'	6 - - -	NW	An unsteady sea, though the compass stood pretty well.		
	D° nearly.	49° 12'	9 26	9 53	- - - - -	4 25 0'	- - - - -	- - - - -	34° 37' 24° 39'	6 - - -	- - - - -	NW			
	Neon.	48° 3 A	10 9	10 58	62 0 49	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NW	Under courses.		
13	Neon.	46° 55 A	11 0	12 14	61 1 14	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	WSW	Cloudy rain, &c.		
14	Neon.	47° 8 A	11 22	12 37	61 1 15	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	WSW	Strong gales with rain.		
15	Neon.	47° 59 A	12 12	13 43	60 1 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SW	More moderate.		
16	Neon.	48° 22 A	13 36	15 33	62 1 57	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	WNW	Moderate and clear; a great swell.		
17	Neon.	49° 13 A	14 21	16 29	61 2 8	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SW	Little winds and clear weather.		
	7 P.M.	49° 33'	14 20	16 28	- - - - -	15 50 0'	- - - - -	- - - - -	48° 30'	- - - - -	3 - - -	- - - - -	These I have not worked.		
18	7 P.M.	49° 33'	14 20	16 28	- - - - -	15 35 0'	- - - - -	- - - - -	55° 40'	- - - - -	3 - - -	NE		A fine pleasant day.	
	Neon.	50° 11 A	15 59	18 33	60 2 34	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SE	Fine weather.		
19	Neon.	50° 45 A	16 50	19 37	61 2 47	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SW	Hazy at times.		
20	Neon.	52° 2 A	19 5	22 31	59 3 26	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	L. L.	Considering the height of the Sun these not bad ones; air clear.		
	7 31 0	52° 30'	18 42	22 27	- 3 45	5 31 50 32' 6 50 54' 1 50	- - - - -	- - - - -	- - - - -	6 0 - 2 50	- - - - -	- - - - -			
		52° 30'	19 10	22 27	- 3 17	4 13 0 30 10 10 54' 1 30	- - - - -	- - - - -	- - - - -	6 0 - 1 0	- - - - -	- - - - -			
	Neon.	53° 21 A	19 16	22 50	57 3 34	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NW	Coming on to blow hard.		
						L. L.									
22	3 38 24	53° 27'	19 45	22 55	- 3 10	39 20 40 46 37 40 63 50 55	- - - - -	- - - - -	- - - - -	6 - - -	- - - - -		The log between these and the last agrees pretty well.		
2	53 40	53° 27'	19 37	22 55	- 3 18	45 35 6 43 53 26 63 35 26	- - - - -	- - - - -	- - - - -	9 - - -	- - - - -				
	Neon.	53° 45 A	18 16	22 8	58 3 42	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	WNW	Strong gales.		
23	Neon.	54° 53 A	16 53	21 8	59 4 5	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	WNW	Strong gales, vessel drifts very fast to the Eastward.		
24	Neon.	55° 36 A	14 30	19 47	61 5 17	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NW			
						U. L.									
25	4 6 20	55° 25'	13 54	19 50	- 5 56	34 55 10 25 47 0 96 50 0	- - - - -	- - - - -	- - - - -	6 3 + 8 30	- - - - -		Dip.		
4 14 8	55° 25'	14 6	19 50	- 5 44	33 50 30 27 27 0 96 53 25	- - - - -	- - - - -	- - - - -	- - - - -	6 3 + 8 30	- - - - -				
4 35 32	55° 25'	13 58	19 50	- 5 52	30 52 10 19 8 30 97 0 55	- - - - -	- - - - -	- - - - -	- - - - -	6 3 + 8 30	- - - - -				
	Neon.	56° 18 A	14 25	20 8	59 5 43	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	WNW		Fine Day.	
26	Neon.	57° 18 A	14 40	20 10	58 5 30	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NNW	Moderate weather.		
						U. L.									
27	5 33 56	57° 15	15 32	20 26	- 4 54	22 47 20 17 44 20 119 56 5	- - - - -	- - - - -	- - - - -	6 3 + 1 30	E	A very good set.	Foggy weather, like the banks of Newfoundland, water smooth.		
	Neon.	57° 4 A	16 31	21 7	58 4 36	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NW			
28	Neon.	56° 38 A	17 44	22 20	61 4 36	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	N			
29	3 P.M.	- - -	- - -	- - -	- - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -		Calm; tried soundings, and got ground at 310 fathoms; drifted to the N.E. about two miles, and sounded again in 390 fathoms, fine white sand; at the same time saw a flag, galli, and other signs of land not far from hence. By running about 19 miles N.E. by N. left sounding, so bore away, calling it the Lion's Back.		
	Neon.	57° 0	18 2	22 38	58 4 36	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SW			
30	Neon.	57° 52 A	21 31	26 8	58 4 36	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SE	Carried away the fore-yard.		
uly 1	Neon.	58° 25 A	25 31	30 2	54 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	SSW	S.W. swell, lost all our birds.		
2	P.M.	58° 25	26 10	30 41	- - - - -	24 40 0	- - - - -	- - - - -	53 33 32 5	3	- - - - -	SW			
	Neon.	58° 20 A	29 35	34 6	54 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -				
3	P.M.	58° 0	30 29	35 0	- - - - -	16 34 40	- - - - -	- - - - -	38 40 34 42	3	- - - - -		Very good observations and the vessel steady, when made.		
	P.M.	58° 0	30 29	35 0	- - - - -	15 35 30	- - - - -	- - - - -	36 30 35 16	6	- - - - -				
	P.M.	58° 0	30 29	35 0	- - - - -	14 46 40	- - - - -	- - - - -	34 49 35 41	6	- - - - -				
	Neon.	58° 3	30 56	35 27	57 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NE	Cape Farewell's lat. 59° 38' N. long. by obs. 42° 42' W.		
4	Neon.	58° 38	34 24	30 55	48 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NE			
5	Neon.	59° 12	37 28	41 59	50 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	NE			
6	N. on.	59° 11	41 16	45 47	48 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	ENE	The Easternmost part of it.	Saw Cape Farewell bearing N by W. by compass, distance about 7 or 8 leagues.	
7	4 0 0	59° 24	13 5	46 36	- 4 31	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -				

A Continuation of the Track of His Majesty's armed Brig Lion, from Cape Farewell along the West Coast of Greenland, for the Determination of the Position of the Coast, as likewise the Dip, Variation, &c.

A further Continuation of the Track of His Majesty's armed Brig *Lion*, from Mosketto Cove, Greenland,
to the End of Davis's Straits. &c.

A Track of His Majesty's armed Brig Lion, from Davis's Straits to the Coast of Labrador.

Days of the Month.	Time.	Latitude.	Long. by last observ.	Long. by ship's reck.	The hours in the shades.	Error of common reck.	As read off quadrants		Distance observed.	Azimuths.	Variations.	No. of	Errors of quadrant.	Winds.	Remarks, &c.
							○'s alt.	○'s alt.							
Aug. 19	Noon.	64° 43'	053° 25'	58° 31'	41° 4' 6"		L.L.	U.L.							{ The land near Baillie River in sight, making in hours.
19	2 16	64° 34'	052° 30'		- - -		33° 12'	0° 16' 33"	0° 50' 0° 30'						
							33° 5'	0° 16' 39"	0° 50' 1° 30'						
							33° 0'	0° 16' 42"	0° 50' 2° 0'						
							32° 57'	0° 16' 45"	0° 50' 4° 0'						
							32° 54'	0° 16' 47"	0° 50' 4° 0'						
							32° 50'	0° 16' 51"	0° 50' 5° 0'						
							32° 49' 40"	0° 16' 42" 50"	0° 50' 2° 50'						
							32° 42'	0° 16' 59"	0° 50' 5° 30'						
							32° 36'	0° 17' 3"	0° 50' 6° 0'						
							32° 31'	0° 17' 7"	0° 50' 7° 0'						
							32° 27'	0° 17' 10"	0° 50' 8° 0'						
							32° 22'	0° 17' 12"	0° 50' 9° 0'						
							32° 20'	0° 17' 14"	0° 50' 10° 0'						
							32° 29' 40"	0° 17' 7° 30"	0° 50' 7° 35'						
20	Noon.	64° 33'	054° 35'	58° 41'	- 4° 6"		-	-	-	-	-	-	-	-	A very heavy gale of wind, which obliged us to throw overboard the guns we had on deck.
21	Noon.	63° 56'	054° 15'	58° 21'	36° 4' 6"		-	-	-	-	-	-	-	-	This night, for the first time (the gale being over and fine weather), saw the aurora borealis, which began in the S.E. quarter, but was neither so strong nor so beautiful as in the southern hemisphere.
21	A.M.	63° 36'	053° 20'		- - -		5° 30'	0° 10' 40"	0° 84' 9° 0'						
							5° 19'	0° 10' 38"	0° 84' 11° 0'						
							5° 6'	0° 10' 30"	0° 84' 11° 0'						
							4° 54'	0° 10' 32"	0° 84' 12° 0'						
							4° 42'	0° 10' 25"	0° 84' 11° 0'						
							4° 28'	0° 10' 23"	0° 84' 13° 0'						
							4° 59' 50"	0° 10' 32" 20"	0° 84' 11° 10'						
22	Noon.	62° 19'	053° 4'	58° 3'	44° 4' 59"		-	-	-	-	-	-	-	-	{ High land E.S. distance as leagues, which was the last we saw.
23	Noon.	60° 58'	053° 14'	58° 13'	- 4° 59"		-	-	-	-	-	-	-	-	Moderate breeze, and no ice to be seen.
24	Noon.	60° 2'	052° 28'	57° 27'	46° 4' 59"		-	-	-	-	-	-	-	-	ESE, Dull, with mists.
25	Noon.	58° 4'	052° 46'	57° 45'	52° 4' 59"		-	-	-	-	-	-	-	-	E, Fresh gales.
26	Noon.	56° 17'	053° 38'	58° 27'	54° 4' 59"		-	-	-	-	-	-	-	-	NE, Fresh gales.
27	Noon.	54° 54'	054° 10'	59° 9'	56° 4' 59"		-	-	-	-	-	-	-	-	Cloudy weather.
28	Noon.	53° 4'	053° 15'	58° 14'	56° 4' 59"		-	-	-	-	-	-	-	-	Saw the soft ice islands on the Labrador.
29	Noon.	53° 7'	052° 6'	57° 5'	60° 4' 59"		-	-	-	-	-	-	-	-	Much ice.
30	Noon.	53° 33'	053° 9'	58° 8'	60° 4' 59"		-	-	-	-	-	-	-	-	SW
31	Noon.	53° 25'	053° 58'	58° 57'	- 4° 59"		-	-	-	-	-	-	-	-	{ Round Hill Island, bare NW. fix or five leagues, which being the eastern part of America, I make it to be in latitude 53° 32' N. longitude 54° 29' W. of Greenwich.

We anchored in Porcupine Harbour, where we staid until the 26th of September, and from thence proceeded to England; which being a common rout, I shall conclude with a few general observations on this part of the world, so little known and so terribly represented by people who, in order to raise their own merit, make dangers and difficulties of common occurrences; merely because the places are unknown, and there is little or no probability of their ever being contradicted. I do not mean this as a personal reflexion; but having discoursed with many of the masters of Greenland vessels, as well as their employers, and heard such dreadful stories of those countries, I cannot help remarking it as a circumstance equally foolish and ridiculous, tending to mislead those who from a laudable principle would be benefactors to their country, but are deterred from it by such representations; and I appeal to those series of facts for the truth of my assertion. The weather in Davis's Straits is, in the spring and autumn, boisterous; the seas run irregular, like the Gulph of Lions, and other places I could instance (that is short and high); occasioned (I imagine) by the narrowness of the Straits, the many impediments it meets with from the ice, and its being open to the southern parts of the Atlantic Ocean. As the south winds are always the strongest, bring thick weather, and the greatest sea, so the northern ones bring fine clear weather, and are seldom strong. I shall here finish these observations, with the particulars of them, &c. and shall communicate observations on the ice, the atmosphere, the land of Forbisher, and the probability of a north west passage, in a short time.